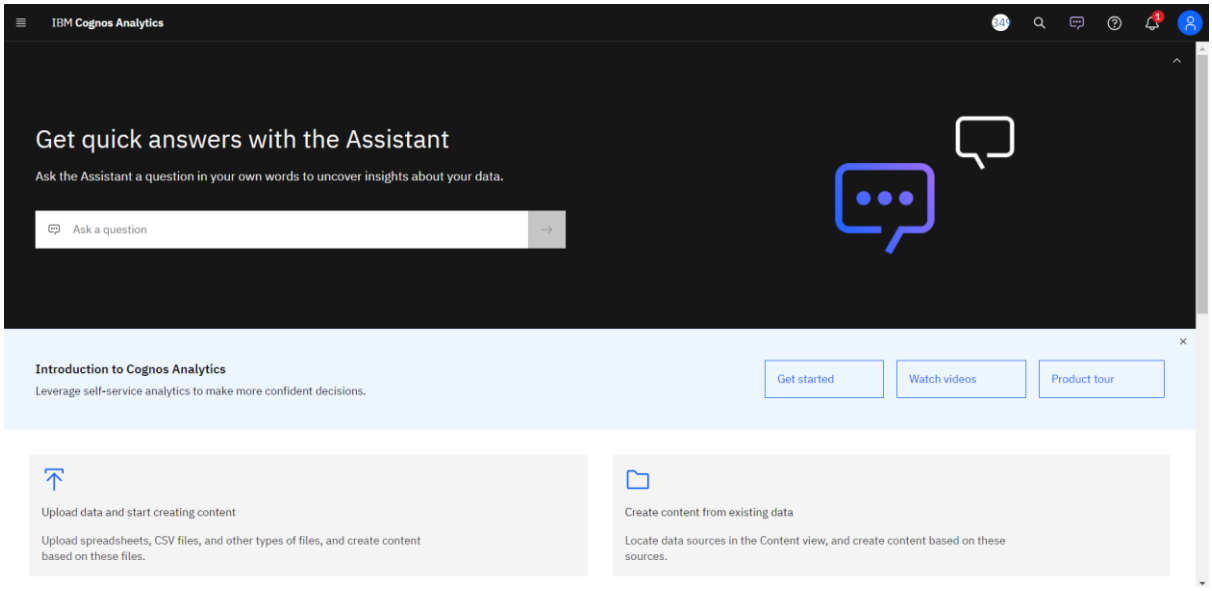
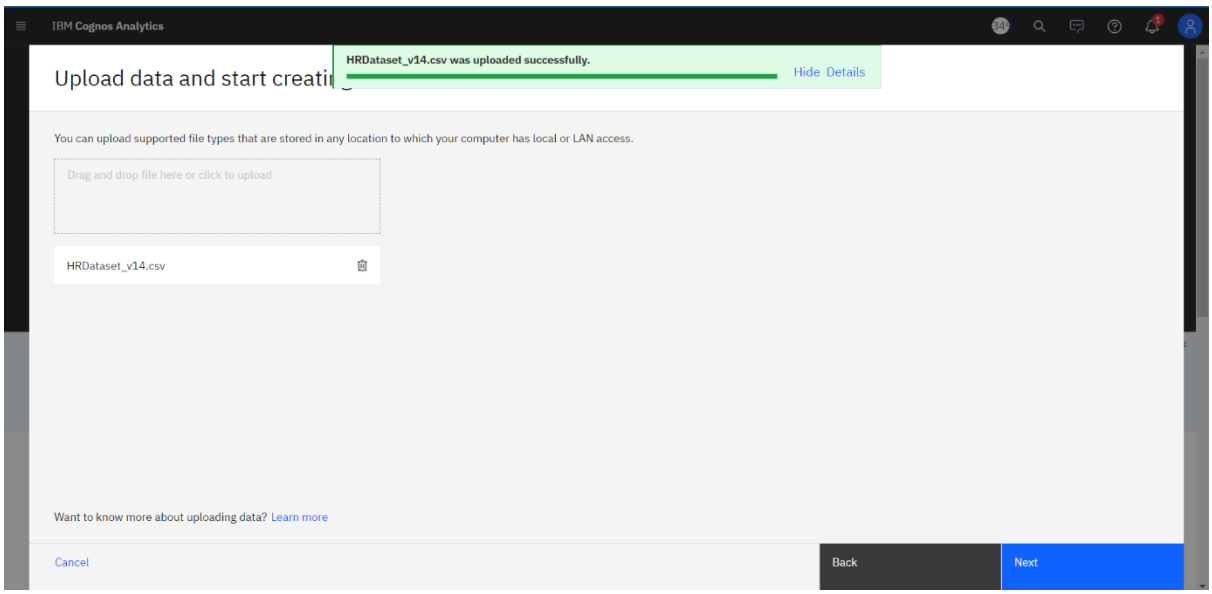
ASSIGNMENT – 2

HR DATA ANALYSIS

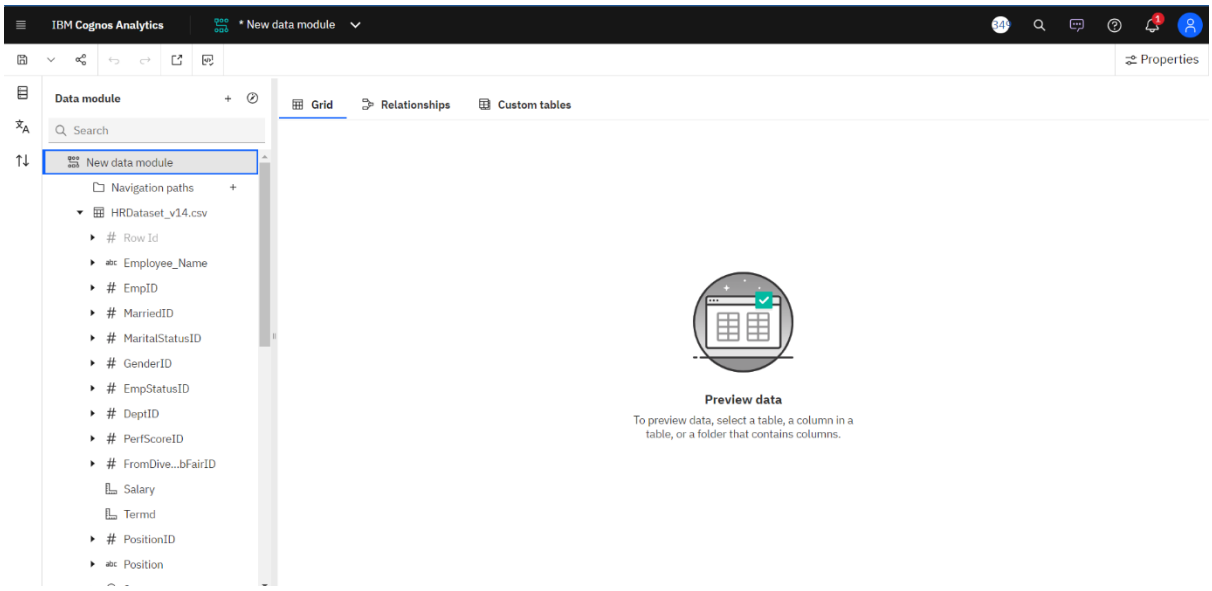
NAME: SHALINI P R P

1. Uploading the dataset

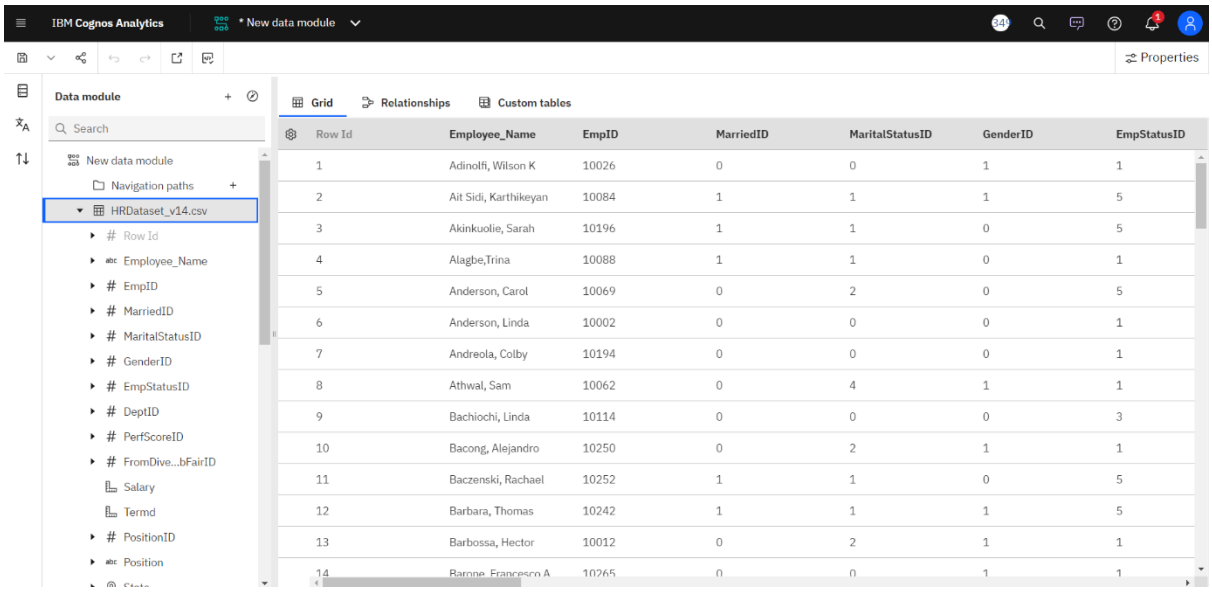




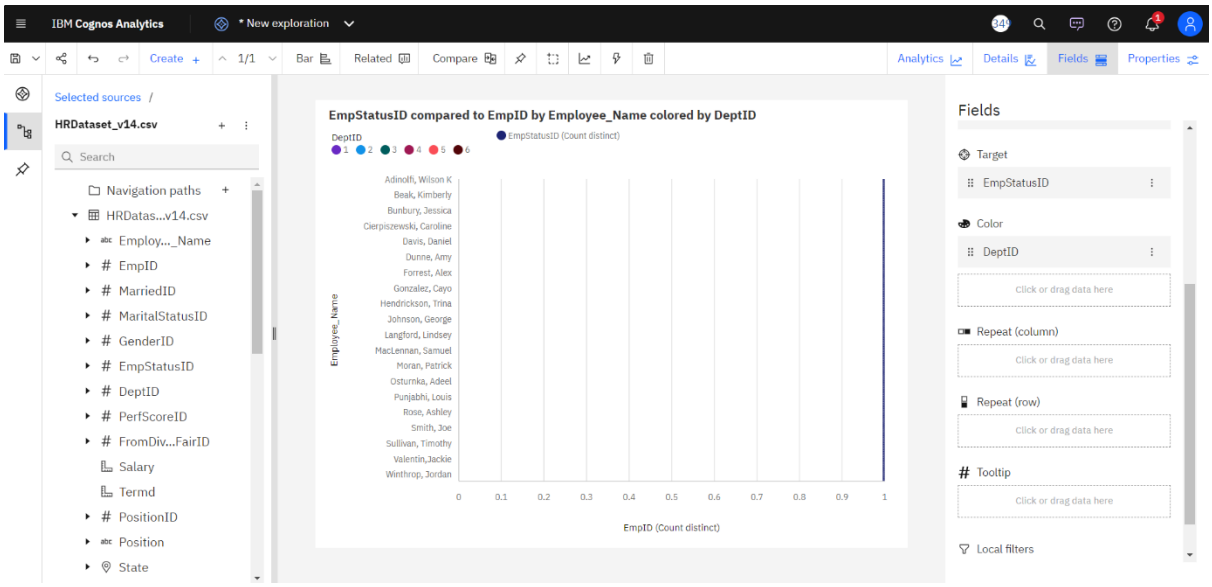
2. Choosing the data

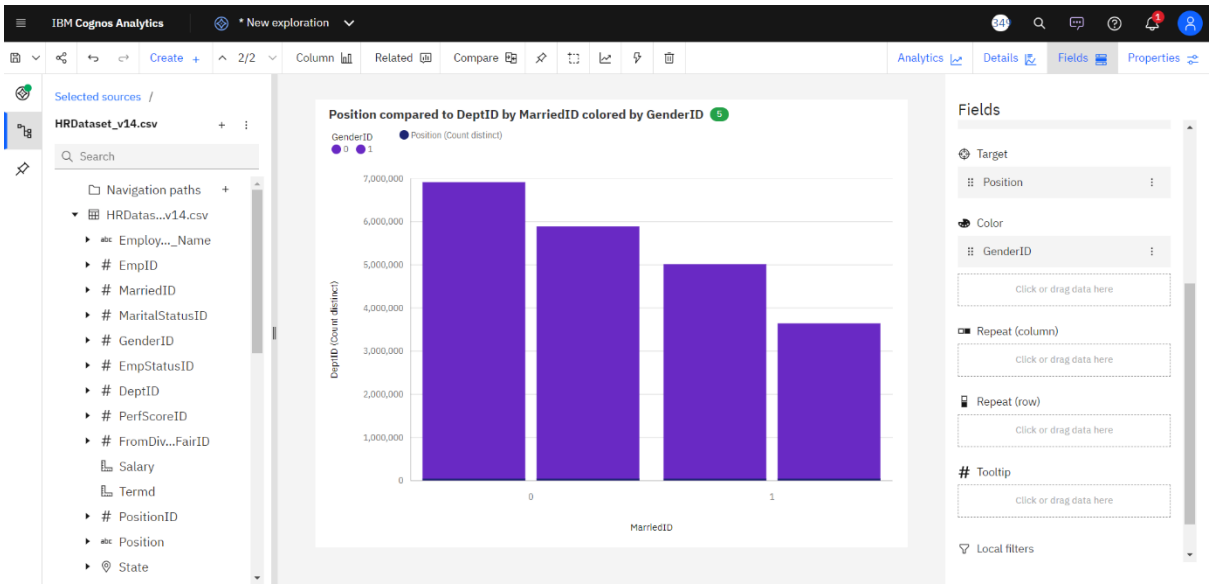


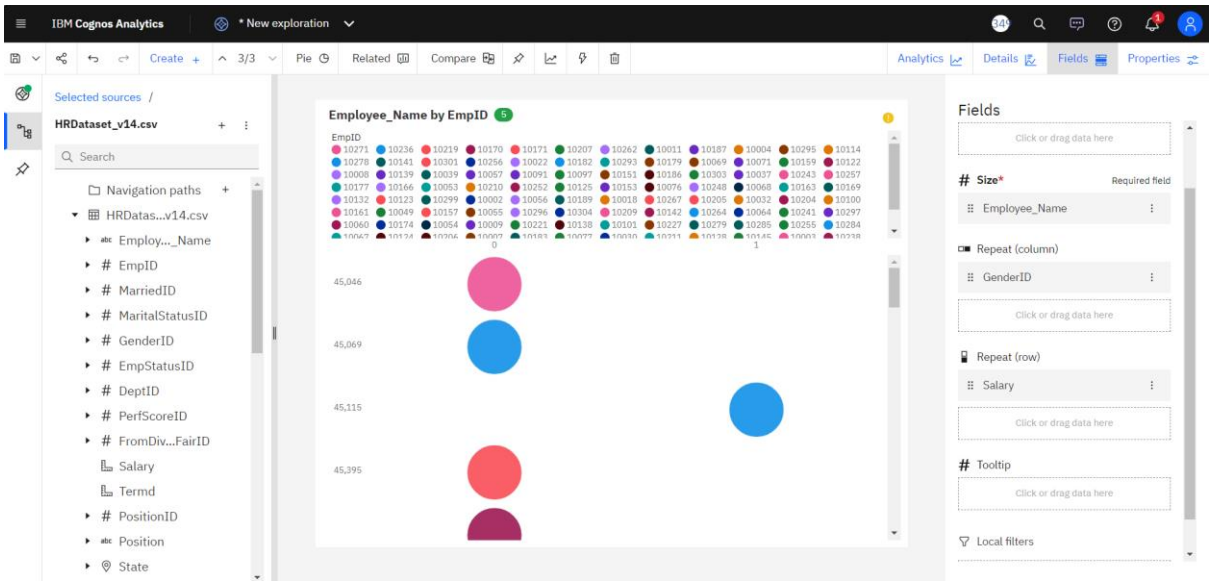
3. Preparing the data

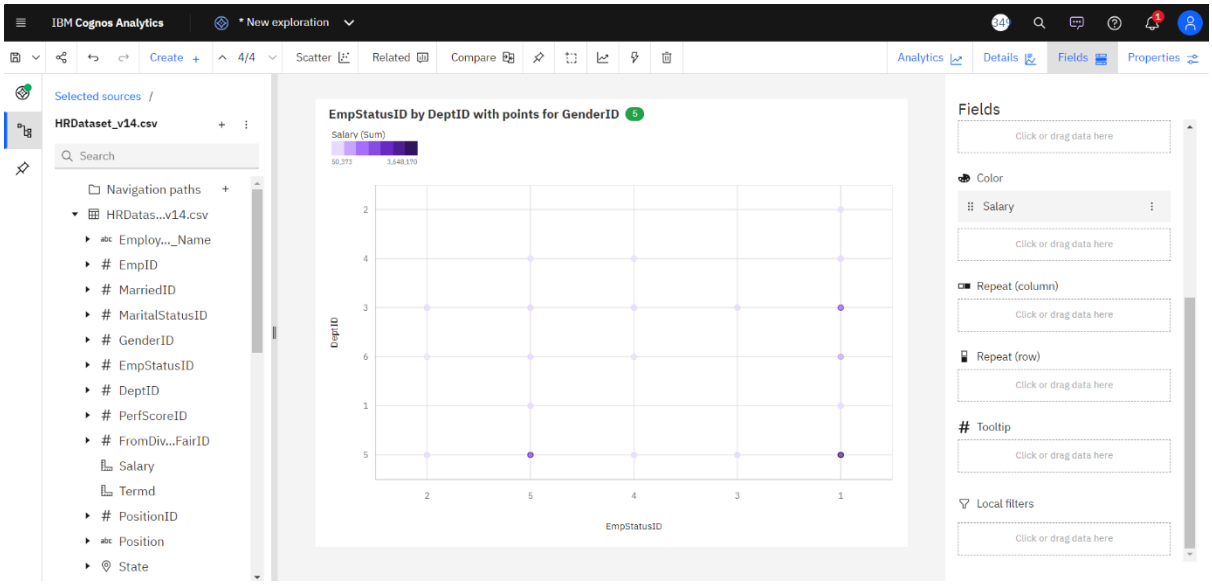


4. Exploration of data



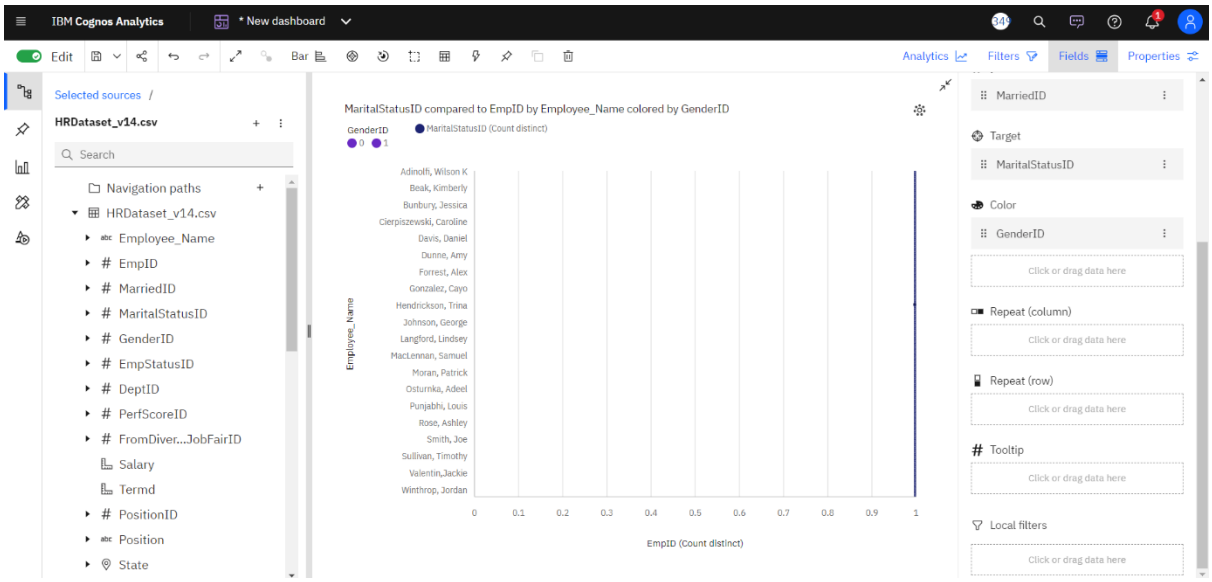


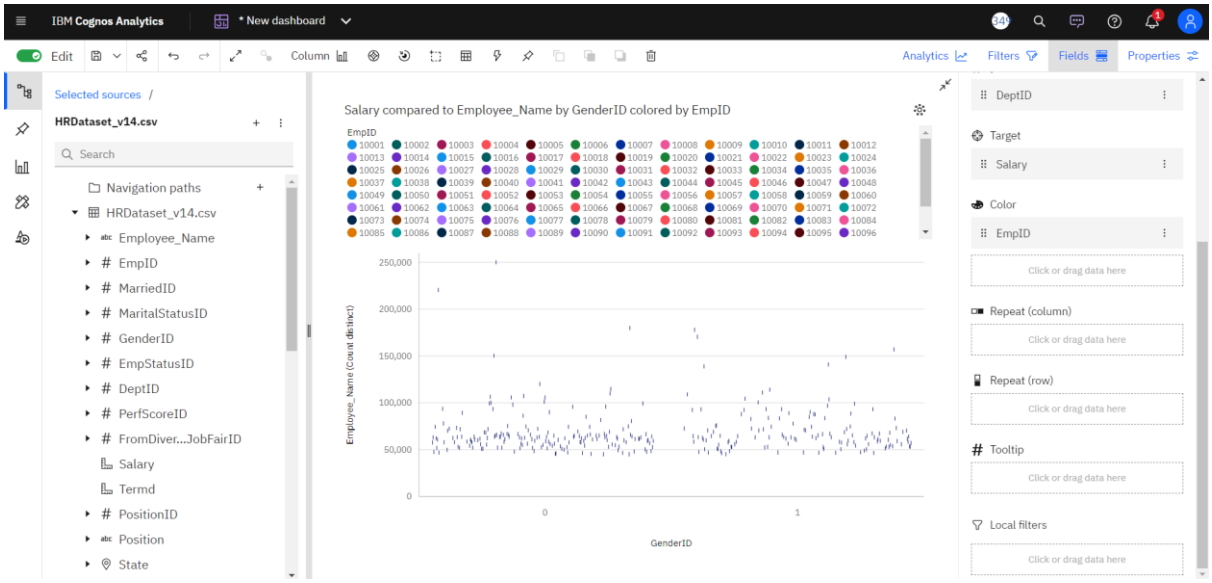

IBM Cognos Analytics
* New exploration
Create
3/3
Pie
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
HRDataset_v14.csv
Search
Navigation paths
HRDatas...v14.csv
Employ..._Name
EmpID
MarriedID
MaritalStatusID
GenderID
EmpStatusID
DeptID
PerfScoreID
FromDiv...FairID
Salary
Termd
PositionID
Position
State
Employee_Name by EmpID
EmpID
45,046
45,069
45,115
45,395
Fields
Click or drag data here
Size*
Required field
Employee_Name
Repeat (column)
GenderID
Repeat (row)
Salary
Tooltip
Local filters

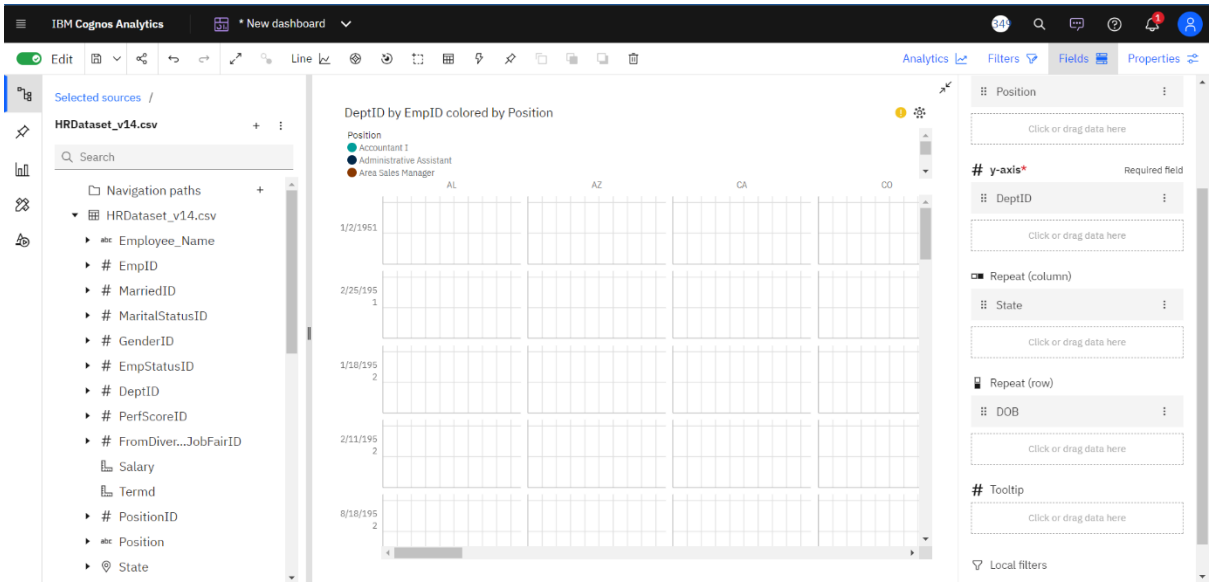

IBM Cognos Analytics
* New exploration
Create
4/4
Scatter
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
HRDataset_v14.csv
Search
Navigation paths
HRDatas...v14.csv
Employ..._Name
EmpID
MarriedID
MaritalStatusID
GenderID
EmpStatusID
DeptID
PerfScoreID
FromDiv...FairID
Salary
Termd
PositionID
Position
State
EmpStatusID by DeptID with points for GenderID
Salary (Sum)
DeptID
EmpStatusID
Fields
Color
Salary
Repeat (column)
Repeat (row)
Tooltip
Local filters

5. Data visualization

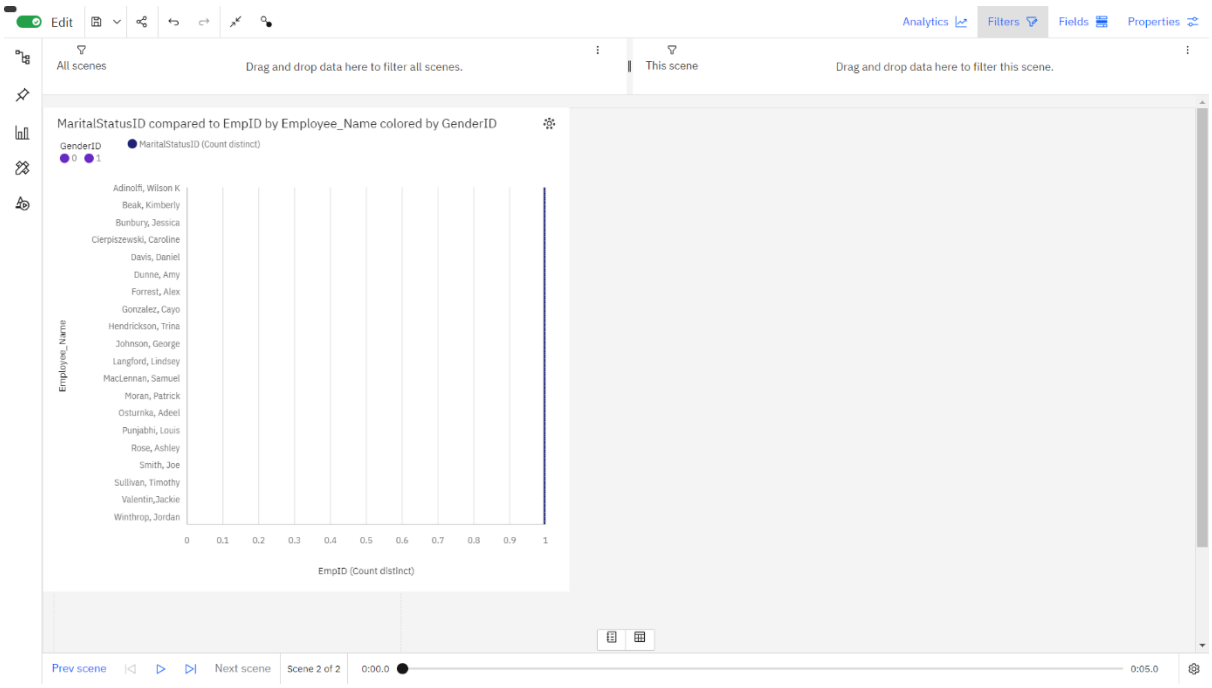
a) Dashboard



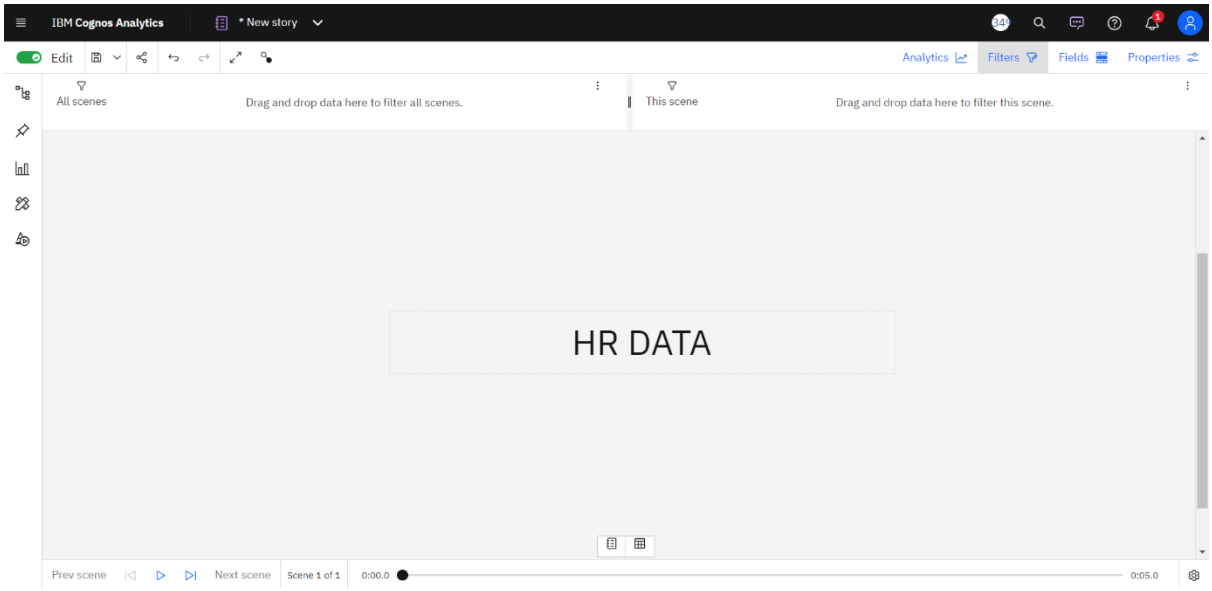


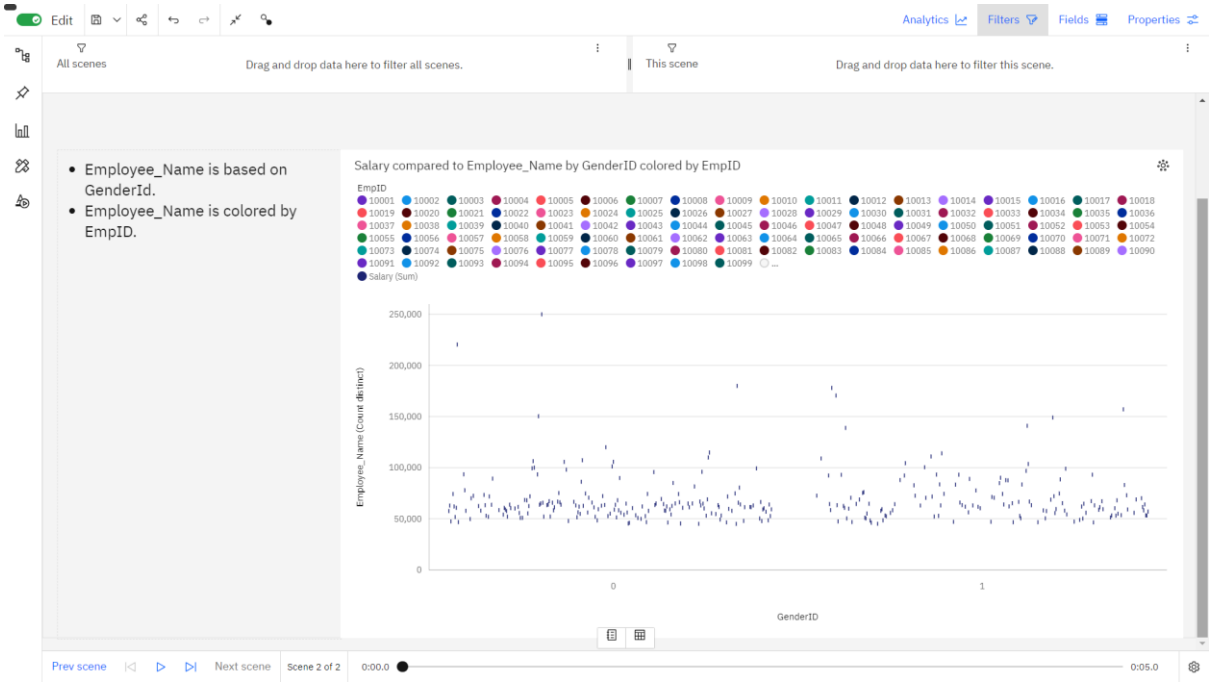

IBM Cognos Analytics
* New dashboard
Edit
Line
Analytics
Filters
Fields
Properties
Selected sources /
HRDataset_v14.csv
Search
Navigation paths
HRDataset_v14.csv
Employee_Name
EmpID
MarriedID
MaritalStatusID
GenderID
EmpStatusID
DeptID
PerfScoreID
FromDiver...JobFairID
Salary
Termd
PositionID
Position
State
DeptID by EmpID colored by Position
Position
Accountant I
Administrative Assistant
Area Sales Manager
AL
AZ
CA
CO
1/2/1951
2/25/1951
1/18/1952
2/11/1952
8/18/1952
Position
Click or drag data here
y-axis*
Required field
DeptID
Repeat (column)
State
Repeat (row)
DOB
Tooltip
Local filters

b) Report


Edit
Analytics
Filters
Fields
Properties
All scenes
Drag and drop data here to filter all scenes.
This scene
Drag and drop data here to filter this scene.
MaritalStatusID compared to EmpID by Employee_Name colored by GenderID
GenderID
0
1
MaritalStatusID (Count distinct)
Adinolfi, Wilson K
Beak, Kimberly
Bunbury, Jessica
Cierpiszewski, Caroline
Davis, Daniel
Dunne, Amy
Forrest, Alex
Gonzalez, Cayo
Hendrickson, Trina
Johnson, George
Langford, Lindsey
MacLennan, Samuel
Moran, Patrick
Osturnka, Adeel
Punjabhi, Louis
Rose, Ashley
Smith, Joe
Sullivan, Timothy
Valentin,Jackie
Winthrop, Jordan
Employee_Name
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
EmpID (Count distinct)
Prev scene
Next scene
Scene 2 of 2
0:00.0
0:05.0

c) Story


IBM Cognos Analytics
* New story
Edit
Analytics
Filters
Fields
Properties
All scenes
Drag and drop data here to filter all scenes.
This scene
Drag and drop data here to filter this scene.
HR DATA
Prev scene
Next scene
Scene 1 of 1
0:00.0
0:05.0


Edit
Analytics
Filters
Fields
Properties
All scenes
Drag and drop data here to filter all scenes.
This scene
Drag and drop data here to filter this scene.
• Employee_Name is based on GenderId.
• Employee_Name is colored by EmpID.
Salary compared to Employee_Name by GenderID colored by EmpID
EmpID
Salary (Sum)
250,000
200,000
150,000
100,000
50,000
0
Employee_Name (Count distinct)
0
1
GenderID
Prev scene
Next scene
Scene 2 of 2
0:00.0
0:05.0